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(54) Title: SMOOTH SURFACE MORPHOLOGY CHLORATE ANODE COATING

(57) Abstract: The present invention relates to an electrocatalytic coating and an electrode having the coating thereon, wherein the coating is a mixed metal oxide coating, preferably ruthenium, titanium and tin or antimony oxides. The coating uses water as a solvent that provides for a smoother surface than alcohol based solvents. The electrocatalytic coating can be used especially as an anode component of an electrolysis cell and in particular a cell for the electrolysis of aqueous chlor-alkali solutions.